

District I
PO Box 1980, Hobbs, NM 88241-1980
District II

PO Drawer DD, Artesia, NM 88211-0719

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-101

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. CROSS TIMBERS OPERATING COMPANY 3000 N. Garfield, Suite 175 Midland, Texas 79705		1 OGRID Number 005380
		2 API Number 30 - 025-27111
3 Property Code 018320	4 Property Name Nadine	5 Well No. 1

7 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	5	20S	38E		990	North	990	East	Lea

8 Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
9 Proposed Pool 1 Nadine; Tubb, West					10 Proposed Pool 2				

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary --	14 Lease Type Code P	15 Ground Level Elevation 3,588'
16 Multiple No	17 Proposed Depth 6,715'	18 Formation Tubb	19 Contractor --	20 Spud Date 4/97

21 Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24	1,500	750	Surf
7-7/8"	5-1/2"	17	7,150	1,050	2,300'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. MIRU pulling unit. Install double ram BOP. POH w/prod equip.
2. Drill out cement retainer @ 6,138' & cement below retainer.
3. Perforate Tubb fr/6,668'-6,715'.
4. Acidize new perms w/1,500 gals 15% NEFE HCL w/ball sealers.
5. Frac new perms w/36,000 gals XLgel carrying 155,000# 20/40 Ottawa Sd.
6. Run production tbg w/pkr to isolate Blinbry perms. Run rods & pump from RDWO pulling unit.

permit Expires 1 year from approval
Date Unless Plugback

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Ray F. Martin</i>		Approved by: <i>ORIGINAL SIGNATURE SECTION</i>	
Printed name: Ray F. Martin		Title:	
Title: Operations Engineer		Approval Date: Expiration Date:	
Date: 4-9-97	Phone: (915) 682-8873	Conditions of Approval: Attached <input type="checkbox"/>	